U.S. Patent Application Serial No. 10/806,767 Title: Multi-Source Programming Guide Apparatus and Method

Applicant(s): Nishikawa et al.; Filing Date: March 23, 2004

Document: Response to Office Action of December 1, 2008

Amendments to the Claims:

The following complete listing of the claims will replace all prior versions, and listings, of

Attorney Docket No. 81235,7114

claims in the application. Kindly amend independent Claims 1, 8, and 13 as follows. No new

matter has been introduced.

Listing of Claims:

Claim 1 (currently amended): A method of selecting content by way of a multi-source

interactive in an audio/video programming guide apparatus, comprising the steps of:

providing access to characterizing descriptors as individually correspond to a plurality of

discrete selectable items of audio/video content, wherein a first plurality of the discrete selectable

items of audio/video content differ from a second plurality of the discrete selectable items of

audio/video content with respect to a primary transmission service provider:

providing a plurality of cascading filters for facilitating determination of a particular one

of the discrete selectable audio/visual programs, the plurality of cascading filters being

customizable for at least one user, wherein the plurality of cascading filters simultaneously

considers content across the first plurality of the discrete selectable items of audio/video content

and the second plurality of the discrete selectable items of audio/video content;

providing at least one selection criterion;

applying the at least one selection criterion with respect to the characterizing descriptors

of the first plurality of the discrete selectable items of audio/video content and the second plurality of the discrete selectable items of audio/video content to provide a resultant selection of

the first plurality of discrete selectable items of audio/video content and the second plurality of

the discrete selectable items of audio/video content:

displaying programming guide information comprising information regarding at least a

portion of the resultant selection;

supporting a programming guide navigation;

reviewing and browsing the information regarding the at least one portion of the resultant

selection:

10

15

20

if selecting a particular item of the plurality of discrete selectable items, providing a

U.S. Patent Application Serial No. 10/806,767

Title: Multi-Source Programming Guide Apparatus and Method

Applicant(s): Nishikawa et al.; Filing Date: March 23, 2004

Document: Response to Office Action of December 1, 2008

Attorney Docket No. 81235,7114

selection response; and

if not selecting a particular item of the plurality of discrete selectable items, returning to

the supporting step.

25

Claim 2 (original): The method of claim 1 further comprising:

responding to a remote control by scrolling through the programming guide information

comprising information regarding at least a portion of the resultant selection.

Claim 3 (original): The method of claim 1 further comprising:

detecting user selection of a particular one of the plurality of discrete selectable items of

audio/visual content.

Claim 4 (original): The method of claim 1 further comprising a user database and wherein

providing at least one selection criterion further comprises using information from the user

database to characterize the at least one selection criterion to be provided.

Claim 5 (previously presented): The method of claim 4 wherein using information from the user

database to identify the at least one selection criterion to be provided comprises:

accessing information from the user database to discern preferences of a particular user;

accessing the characterizing descriptors as individually correspond to a plurality of

5 discrete selectable items of audio/video content;

comparing the preferences of a particular user to the characterizing descriptors of the first

plurality of discrete selectable items of audio/video content and the second plurality of discrete

selectable items of audio/video content.

Claim 6 (original): The method of claim 4 further comprising:

responding to a remote control by selecting a particular one of the plurality of discrete

selectable items of audio/visual content.

Claim 7 (original): The method of claim 1 wherein providing at least one selection criterion

comprises:

U.S. Patent Application Serial No. 10/806,767

Title: Multi-Source Programming Guide Apparatus and Method Applicant(s): Nishikawa et al.; Filing Date: March 23, 2004

Document: Response to Office Action of December 1, 2008

Attorney Docket No. 81235,7114

supplying at least one user-defined keyword; and

matching the at least one user-defined keyword with at least one of the characterizing

descriptors as individually correspond to a plurality of discrete selectable items of audio/video

content.

Claim 8 (currently amended): An interactive multi-source programming guide apparatus,

comprising:

a data processing unit comprising at least one element selected from a group consisting

essentially of a fixed-purpose dedicated platform, a partially-programmable platform, a cable,

and a satellite set-top box;

a <u>plurality of characterizing descriptors, each of which [[as]] individually correspond to a</u> plurality of discrete selectable items of audio/video content, wherein a first plurality of the

discrete selectable items of audio/video content differ from a second plurality of the discrete

selectable items of audio/video content with respect to a primary transmission service provider

selectable items of audio/video content with respect to a primary transmission service provide

10 and[[-]] at least one selection criterion;

a plurality of cascading filters for facilitating determination of a particular one of the

discrete selectable audio/visual programs, the plurality of cascading filters being customizable

for at least one user, wherein the plurality of cascading filters simultaneously considers content

across the first plurality of the discrete selectable items of audio/video content and the second

15 plurality of the discrete selectable items of audio/video content; and

a control circuitry adapted to:

apply the at least one selection criterion with respect to the characterizing descriptors of

the first plurality of the discrete selectable items of audio/video content and the second plurality of discrete selectable items of audio/video content to provide a resultant selection of first the

or another percentage from or analyst are content to provide a resultant percentage or another are

plurality of discrete selectable items of audio/video content and the second plurality of discrete selectable items of audio/video content:

20

25

display programming guide information comprising information regarding at least a portion of the resultant selection; and

rtion of the resultant selection, and

a support programming guide navigation,

wherein the data processing unit utilizes the plurality of characterizing descriptors, the

plurality of cascading filters, the control circuitry, and the support programming guide

U.S. Patent Application Serial No. 10/806,767

Title: Multi-Source Programming Guide Apparatus and Method

Applicant(s): Nishikawa et al.: Filing Date: March 23, 2004

Document: Response to Office Action of December 1, 2008

Attorney Docket No. 81235.7114

navigation.

5

10

Claim 9 (previously presented): The interactive programming guide of claim 8 wherein the

control circuitry further comprises filter means for comparing the at least one selection criterion with at least some of the characterizing descriptors of the first plurality of discrete selectable

items of audio/video content and the second plurality of discrete selectable items of audio/video

5 content to provide the resultant selection.

Claim 10 (original): The interactive programming guide of claim 8 and wherein the at least one

selection criterion is based, at least in part, upon a preference of a present viewer of the

interactive programming guide.

Claim 11 (original): The interactive programming guide of claim 8 wherein the at least one

selection criterion comprises a user-defined keyword.

Claim 12 (original): The interactive programming guide of claim 8 wherein the at least one

selection criterion is retained in a database.

Claim 13 (currently amended): A method of providing [[a]] an interactive multi-source

programming guide apparatus, comprising the steps of:

providing access to characterizing descriptors as individually correspond to a plurality of

discrete selectable audio/visual programs, wherein a first plurality of the discrete selectable

audio/visual programs differ from a second plurality of the discrete selectable audio/visual

programs with respect to a primary transmission service provider;

providing a plurality of cascading filters for facilitating determination of a particular one

of the discrete selectable audio/visual programs, the plurality of cascading filters being customizable for at least one user, wherein the plurality of cascading filters simultaneously

considers content across the first plurality of the discrete selectable items of audio/video content

and the second plurality of the discrete selectable items of audio/video content:

providing at least one selection criterion that corresponds to a given individual:

applying the at least one selection criterion with respect to the characterizing descriptors

U.S. Patent Application Serial No. 10/806,767

Title: Multi-Source Programming Guide Apparatus and Method Applicant(s): Nishikawa et al.; Filing Date: March 23, 2004

Document: Response to Office Action of December 1, 2008

Attorney Docket No. 81235.7114

of the first plurality of the discrete selectable audio/visual programs and the second plurality of

the discrete selectable audio/visual programs to provide a resultant selection of the first plurality of the discrete selectable audio/visual programs and the second plurality of the discrete selectable

audio/visual programs:

displaying programming guide information comprising information regarding at least a

portion of the resultant selection; and

providing a support programming guide navigation.

Claim 14 (original): The method of claim 13 wherein providing at least one selection criterion

that corresponds to a given individual further comprises ascertaining an identity of a present

viewer.

15

20

5

Claim 15 (previously presented): The method of claim 14 wherein providing at least one

selection criterion that corresponds to a given individual further comprises using the identity to

recall at least one previously stored selection criterion.

Claim 16 (previously presented): The method of claim 1, wherein displaying programming guide

information further comprises displaying programming guide information comprising

information regarding at least a portion of the resultant selection, wherein the resultant selection includes two or more discrete selectable items of audio/video content from at least of one of the

first plurality of discrete selectable items of audio/video content and the second plurality of

discrete selectable items of audio/video content.

Claim 17 (previously presented): The method of claim 13, wherein displaying programming

guide information further comprises displaying programming guide information comprising information regarding at least a portion of the resultant selection, wherein the resultant selection

includes two or more discrete selectable items of audio/video content from at least of one of the

first plurality of discrete selectable audio/visual programs and the second plurality of discrete

selectable audio/visual programs.

20

25

Applicant(s): Nishikawa et al.; Filing Date: March 23, 2004 Document: Response to Office Action of December 1, 2008

Attorney Docket No. 81235,7114

Claim 18 (previously presented): The method of claim 1, further comprising:

responding to a remote control by scrolling through the programming guide information comprising information regarding at least a portion of the resultant selection:

detecting user selection of a particular one of the plurality of discrete selectable items of audio/visual content:

providing a user database and wherein providing at least one selection criterion further comprises using information from the user database to characterize the at least one selection criterion to be provided; and

responding to a remote control by selecting a particular one of the plurality of discrete

10 selectable items of audio/visual content,

wherein using information from the user database to identify the at least one selection criterion to be provided comprises:

accessing information from the user database to discern preferences of a particular user;

accessing the characterizing descriptors as individually correspond to a plurality of discrete selectable items of audio/video content; and

comparing the preferences of a particular user to the characterizing descriptors of the first plurality of discrete selectable items of audio/video content and the second plurality of discrete selectable items of audio/video content,

wherein providing at least one selection criterion comprises:

supplying at least one user-defined keyword; and

matching the at least one user-defined keyword with at least one of the characterizing descriptors as individually correspond to a plurality of discrete selectable items of audio/video content, and

wherein displaying programming guide information further comprises displaying programming guide information comprising information regarding at least a portion of the resultant selection, wherein the resultant selection includes two or more discrete selectable items of audio/video content from at least of one of the first plurality of discrete selectable items of audio/video content and the second plurality of discrete selectable items of audio/video content.

U.S. Patent Application Serial No. 10/806,767

Title: Multi-Source Programming Guide Apparatus and Method Applicant(s): Nishikawa et al.; Filing Date: March 23, 2004

Document: Response to Office Action of December 1, 2008

Attorney Docket No. 81235.7114

Claim 19 (previously presented): The interactive programming guide of claim 8,

wherein the control circuitry further comprises filter means for comparing the at least one selection criterion with at least some of the characterizing descriptors of the first plurality of discrete selectable items of audio/video content and the second plurality of discrete selectable items of audio/video content to provide the resultant selection.

wherein the at least one selection criterion is based, at least in part, upon a preference of a present viewer of the interactive programming guide,

wherein the at least one selection criterion comprises a user-defined keyword, and wherein the at least one selection criterion is retained in a database.

Claim 20 (previously presented): The method of claim 13,

5

wherein providing at least one selection criterion that corresponds to a given individual further comprises ascertaining an identity of a present viewer.

wherein providing at least one selection criterion that corresponds to a given individual further comprises using the identity to recall at least one previously stored selection criterion, and

wherein displaying programming guide information further comprises displaying programming guide information comprising information regarding at least a portion of the resultant selection, wherein the resultant selection includes two or more discrete selectable items of audio/video content from at least of one of the first plurality of discrete selectable audio/visual programs and the second plurality of discrete selectable audio/visual programs.